

A retrospective study on heat-related mortality in an elderly population during the 2003 heat wave in Modena, Italy: The Argento Project

Author(s): Foroni M, Salvioli G, Rielli R, Goldoni CA, Orlandi G, Zauli Sajani S, Guerzoni A,

Maccaferri C, Daya G, Mussi C

Year: 2007

Journal: The Journals of Gerontology. Series A, Biological Sciences and Medical

Sciences. 62 (6): 647-651

Abstract:

BACKGROUND: Summer 2003 witnessed an excess in heat-related mortality in the elderly population. The Argento Project was planned to define risk factors for heat-related death in Modena, Italy, during the hottest month of 2003 (August). METHODS: We performed a retrospective, case-control study of a cohort of 394 older persons living in Modena, 197 dead (cases) and 197 survivors (controls). A questionnaire to collect information about demographic, social, environmental, and clinical characteristics and about causes of death was completed. RESULTS: Cases were more likely to be living in a nursing home and needing assistance (p Euro Surveillance (Bulletin Europeen Sur Les Maladies Transmissibles; European Communicable Disease Bulletin).024, and p

Source: http://biomedgerontology.oxfordjournals.org/content/62/6/647.long/http://www.ncbi.nlm.nih.gov/pubmed/17595422

Resource Description

Communication: M

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience: M

audience to whom the resource is directed

Policymaker

Early Warning System: M

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure: M

Climate Change and Human Health Literature Portal

weather or climate related pathway by which climate change affects health

Air Pollution, Meteorological Factors, Temperature

Air Pollution: Ozone, Particulate Matter, Other Air Pollution

Air Pollution (other): NO2

Temperature: Extreme Heat

Geographic Feature: M

resource focuses on specific type of geography

None or Unspecified

Geographic Location: M

resource focuses on specific location

Non-United States

Non-United States: Europe

European Region/Country: European Country

Other European Country: Italy

Health Impact: M

specification of health effect or disease related to climate change exposure

Injury

Intervention: M

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Medical Community Engagement: M

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

Mitigation/Adaptation: **№**

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern: M

populations at particular risk or vulnerability to climate change impacts

Elderly

Other Vulnerable Population: Disabled

Climate Change and Human Health Literature Portal

Resource Type:

format or standard characteristic of resource

Research Article

Timescale: M

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment: №

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content